

REMARKS

Claims 1, 7 and 8 were objected to because of informalities. Claims 1 and 7 have been amended to address those informalities. Claim 8 has been canceled herein.

Claims 1-13 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite.

Claim 1 was unclear whether the components were selected from (a), (b) or both. The claim has been amended to delete (b) to clarify the question. Further, the alkyl moieties which were claimed were not clear. The claim has been amended to recite:

... The total number of carbon atoms in the alkyl moiety (ies) on the alkyl-benzene and on the polyalkyl benzene together is in the range of 1 to 10

This is supported by the identification of the samples on pages 9-14 of the specification.

In addition, the Examiner assumed a meaning for the expression of the vapor pressure and the viscosity. The Examiner's assumptions are correct and claim 1 has been amended to clarify the claim.

The expression " ... preferably in the range of ... " has been deleted from claim 1 and new claim 14 has been inserted herein to claim a specific temperature range.

Claim 2 was unclear as to which aromatic component was referenced. The claim has been amended to read:

... the alkyl moiety in the at least two structurally non-identical aromatic components is selected ... ".

Claim 2 was also unclear with respect to the name of the moiety. The claim has been amended to read:

" ... methyl n-propyl, ethyl n-propyl, methyl n-butyl ... ".

Claim 6 has been canceled herein.

Claims 7-8 and 10-12 was rejected because the term "ponderal ratio" is indefinite.

Claim 7 has been amended to depend from claim 1. Portion (b) of claim 1 has been deleted and there remains only one portion. The notation (a) was deleted. Claim 8, 11 and 12 have been canceled herein. Claim 7 has been amended to read:

" ... wherein there are two structurally non-identical aromatic components having a weight ratio in the range of ... ".

Claim 10 has been amended to read:

" ... wherein the two structurally non-identical aromatic components have a weight ratio in the range of ... ".

The claims have been restructured to be more grammatically correct. The expression "ponderal ratio" has been replaced with -- weight ratio -- based on the attached Webster's Third International Dictionary definition of "ponderal" being "of or related to weight". The website Answers.com also defines "ponderal" as "of or relating to weight". Additionally, page 9 of the specification states:

$$E = \text{Ponderal (weight \%) Fraction of Components}$$

Further, enclosed is a Declaration from the patent agent who approved the wording in the English version of the parent international application. This Declaration also equates "ponderal ratio" with -- weight ratio -- .

Claims 1-5 and 7-13 were rejected under 35 U.S.C. §102 as being anticipated by Hsu.

Claim 1 has been amended to delete portion (b) and claims 5, 8, 11 and 12 dependent from portion (b) have been canceled. Claim 1 and all dependent claims are now directed to a mixture of at least two structurally non-identical aromatic components consisting of alkyl benzene and



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polyalkyl benzene. Hsu does not teach this at least two component mixture but rather discloses a terpene component (which is not aromatic) and an alkyl benzene component. It is submitted that the cited reference does not describe each element of the claimed invention. Accordingly, lifting of this basis of rejection is respectfully requested.

Claim 6 was rejected under 35 U.S.C. §103(a) as being unpatentable over Hsu in view of Praller. Claim 6 has been canceled herein and this issue is moot.

In view of the above, allowance of claims 1-4, 7, 9, 10, 13 (as amended) and 14 is respectfully requested.

It appears that all matters have been addressed satisfactorily, and that the case is now in condition for a complete allowance; and the same is respectfully urged.

However, if the Examiner has any comments or questions, or has any suggestions as per MPEP 707.07 (d) and (j), for putting the case in condition for final allowance, she is respectfully urged to contact the undersigned attorney-of-record at the telephone number below, so that an expeditious resolution may be effected and the case passed to issue promptly.

Mar 24, 2010
Date

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Respectfully submitted,

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CERTIFICATE OF TRANSMITTAL

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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By: Carolyn H. Bates
Carolyn H. Bates



Webster's
Third
New International
Dictionary
OF THE ENGLISH LANGUAGE
UNABRIDGED

A Merriam-Webster
REG. U. S. PAT. OFF.

*Utilizing all the experience and resources of more than
one hundred years of Merriam-Webster dictionaries*

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directing or focusing of one's thoughts in an effort to comprehend something, or it can suggest merely deep consideration, often with a purpose or plan in mind to be settled (the young priest blotted himself out of his own consciousness and meditated upon the anguish of his Lord—Willa Cather) (meditated with concentrated attention on the problem of flight—Havelock Ellis) (what she meditated doing on England's behalf—C.S. Forester) MUSE can come close to MEDITATE but more often suggests a mere more or less focused daydreaming as in remembrance (he sat immovably, like one that mused on some great purpose—Thomas De Quincey) (he mused wretchedly, as he walked homeward, what might she not do?—William McFee) (still a pleasant mystery; enough to muse over on a dull afternoon—Elmer Davis) (not so much in order to read it as to muse with kindly condescension over this token of bygone fashion—Virginia Woolf) RUMINATE usu. implies a going over the same matter again and again, suggesting less than the other terms a deliberative weighing or a focusing or absorption (I sit at home and ruminate on the qualities of certain little books like this one—L.P. Smith) (forty years of ruminating on life—Waldemar Kaempffert) (the characters of the new friends he made interested him tremendously, and he could ruminate upon them when alone—Osbert Sitwell) (to teach philosophy, write, and ruminate beneath elms—Whitney Balliett)

ponder \ˈpɒn-ə- / *n* -s : an act of pondering or reflecting : REVERIE
ponder-ability \ˌpɑnd(ə)rəˈbɪlə- / *n* : the quality or state of being ponderable

ponder-able \ˈd(ə)rəbəl / *adj* [LL *ponderabilis*, fr. L *ponderare* to ponder + *-abilis* -able] : capable of being weighed, examined, evaluated, or considered for appraising : having weight (something ~ from the outer world ~ something of which we can say that its weight is so and so—James Jeans)
syn see PERCEPTIBLE

ponderable \ˈpɒn-ə- / *n* -s 1 : something that can be pondered 2 : something morally or intellectually weighty — compare IMPONDERABLE

ponder-ably \-b(ə)l- / *adv* [*ponderable* + *-ly*] 1 : WEIGHTILY 2 : CONSIDERABLY

ponder-al \ˈpɑndərəl / *adj* [L *ponder-*, *pondus* weight + *-al*] : of or relating to weight : estimated in terms of weight
ponderal index *n*, *anthrop* : a measure of relative body mass expressed as the ratio of the cube root of body weight to stature multiplied by 100

ponder-ance \ˈpɑnd(ə)rən(t)s / or **ponder-an-cy** \-nsē, -sɪ / *n*, *pl* *ponderances* or *ponderancies* [L *ponderare* to weigh + *-ance*, *-ancy*] 1 : WEIGHT 2 : GRAVITY, CONSEQUENCE
ponder-ate \ˈpɑndəˈræt / *vi* -ED/-ING/-S [L *ponderatus*, past part. of *ponderare* to weigh—more at PONDER] : to weigh down : give substance to

ponder-ate \ˈpɑnd(ə)rət / *adj* [L *ponderatus*, past part. of *ponderare* to ponder] : DELIBERATE (~ consideration)

ponder-a-tion \ˌpɑndəˈræʃən / *n* -s [L *ponderation-*, *ponderatio*, fr. *ponderatus* + *-ion*, -to -ion] : an act or the action of pondering

pondered *past of* PONDER

ponder-er \ˈpɑnd(ə)rə(r) / *n* -s : one that ponders

pondering *adj* [fr. pres. part. of *ponder*] : THOUGHTFUL, REFLECTIVE (a ~ demeanor)

ponder-ing-ly *adv* : in a pondering manner (examine objects

ponder-ment \ˈpɑndə(r)mənt / *n* -s : the action of pondering : deep thought (twitching a facial muscle now and then to ponder—Nigel Dennis)

pondero-motive \ˈpɑndərō- / *adj* [L *ponder-*, *pondus* weight + *-motive*—more at PENDANT] : tending to produce movement of a body—used of mechanical forces of interaction between electric currents and magnetic fields; compare ELECTROMOTIVE FORCE, MAGNETOMOTIVE FORCE

ponder-o-sa *pine* \ˈpɑndəˈrōsə- / *n* [NL *Pinus ponderosa*, lit., ponderosa pine] 1 : a common and widely distributed timber tree (the *ponderosa*) of western No. America often reaching a height of 100 feet and having dark green leaves in bundles of 2 and 4 to 7 inches long, tawny yellowish bark, and strong woody wood—called also *bull pine*, *western white pine*, *yellow pine* 2 : the wood of a *ponderosa* pine tree

ponder-o-si-ty \ˌpɑndəˈrāsədə- / *n* -s [ML *ponderositas*, fr. L *ponderosus* + *-itas*, -ity] : the state of being ponderous

ponder-ous \ˈpɑnd(ə)rəs / *adj* [ME, fr. MF *pondereux*, fr. L *ponder-*, *pondus* weight + *-osus* -ous—more at PENDANT] 1 : of very great weight (a ~ stone) : extremely or overwhelmingly heavy (a ~ burden) 2 : unwieldy or clumsy because of weight and size (a ~ weapon, ~ furniture) 3 : optically or unpleasantly dull (a ~ book) : UNINSPIRED, UNINTERESTING (a ~ comment) 4 : slow and laborious (a ~ yawn)

ponderous borer *n* : a borer that is the larva of a cerambycid beetle *Fraxinus caryocata*, and is destructive to felled coniferous trees in the western U.S.

ponderous-ly *adv* [ME, fr. *pondereus* + *-ly*] : in a ponderous manner (he ~ stated presentations of French classics put on by the Metropolitan Opera—Guy Dumur)

ponderous-ness *n* : the quality or state of being ponderous

ponderous *adj* : of great weight or mass

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ponderous *adj* : of great weight or mass

pone \ˈpōn / *n* -s [of Algonquian *ūpān* baked, Passamaquoddy *ūbā* : a cake of stiff cornmeal batter s palms and baked, fried, or boiled & Midland : corn bread in the form land : a pudding of grated sweet r and spices baked and served as de

pone \ˈpōn / *n* -s [L, imp—more at POSITION] 1 : the player who cuts the cards in a card game in a two-handed card game

pone \ˈpōn / *n* -s [perh. fr. *pone*, (raised a ~ on his head)

ponent *adj* [It *ponente* west, fr. M setting, pres. part. of *ponere* to place obs : WESTERN, OCCIDENTAL

po-ne-ra \ˈpəˈnɪrə / *n*, *cap* [NL, fr. (wretched, wicked, good-for-nothing *penesthai* to toil, be in need) : a cosn ants having an elongate abdomen : one segment but with a constrict second abdominal segments

po-ne-ra-moe-ba \ˈpəˈnɪrəˈmɛbə / (NL good-for-nothing + NL *Amoeba*) : *po-ner-ins* \ˈpōnəˈrɪn, -rən / *adj* (or related to the genus *Ponera*)

ponerine \ˈpɒn- / *n* -s : any of various related genera that are usu. consid family of Formicidae

pon-er-ol-o-gy \ˌpɒnəˈrɒlədʒi / *n* -es -logy] : a branch of the theology deal evil—compare HAMARTIOLOGY

poney *var of* PONY

pong \ˈpɒŋ / *n* -s [imit.] : a h

pong \ˈpɒŋ / *vi* -ED/-ING/-S : to make

pong \ˈpɒŋ / *vi* -ED/-ING/-S [origin t improvise on the stage (as in order

ponga \ˈpɒŋ(ɡ)ə, -pɒŋ / *n* -s [Maor *deabata*] of New Zealand

pon-gee \ˈ(ʔ)pənˈdʒi / *n* -s [Chin (Pek) *chi* loom] 1 : a thin soft cloth Chinese origin woven from uneven possessing a characteristic ecru or ta tion of this fabric in cotton or rayo brown that is redder, lighter, and : yellowish and paler than cinnamon

pon-gid \ˈpɒnjəd / *adj* [NL *Pongida* Pongidae

pongid \ˈpɒnjəd / *n* -s : an anthropoid ap

pon-gi-dae \-dʒəˈdeɪ / *n* pl, *cap* [NL *Po* : a family of primates consisting of including the gorillas, chimpanzees,

pon-go \ˈpɒŋ(ɡ)ə / *n* [NL, fr. K 1 *cap* : a genus of anthropoid apes c

2 -s : an anthropoid ape; esp : ORANG

pongo \ˈpɒŋ / *n* -s [AmerSp, fr. Quechua or gorge in So. America esp. cutting t

pon-gol \ˈpɒŋˈɡɒl / *n* -s *cap* [Tamil *po* tion of boiled rice; fr. the rice's bein : the great Tamil New Year's festivi

pon-gyl *also* *phon-gyl* or *poon-ghle*

[Burmese *phungyl*, fr. *phun* glory + priest of Burma

pon-haws or **pon-hoss** *also* **pon-has**

hos \ˈpɒnˈhɒs, -hɒs / *n* -es [Pa dish of leftovers, lit., pan hare, fr. G hare, fr. OHG *haso*; akin to OHG *plc*

pon-lard \ˈpɒnˈlɑrd / or **poi-gnard**

-s [MF *poignard*, fr. *poing* fist, fr. L *po* : a dagger with a usu. slender r

poniard \ˈpɒn- / *vi* -ED/-ING/-S : to pierce

ponied *past of* PONY

ponies *pl of* PONY, *pres 3d sing of* PONY

ponka *usu cap, var of* PONCA

po-nor \ˈpɒˌnɒ(ə)r / *n* -s [Serbo-Croati hole

pons \ˈpɒnz / or **pons va-ro-lli** \-v

\ˈpɒnˌ(ɪ)lɪz / or **pontes varolii** *usu* : bridge; *pons varolii*, NL, lit., bridge o

Varoli 11575 Ital, surgeon and anat : a broad mass of chiefly transverse n

on the ventral surface of the brain of n at the anterior end of the medulla obl

a robust cord on either side to forn peduncle, and enclosing irregular mass

serve as important relay stations in the cortex to the opposite side of the ci

pons asi-no-rum \-asˈnɒrəm / *n* -

1 a : ASSES' BRIDGE b : a critical test, the inexperienced or ignorant (those

pons asinorum in the inner life—Geo geometrical figure attributed to Petru

used to show the various relations of th

point \pɔɪnt / *n* [D fr. L *puncto* pur

point \pɔɪnt / *n* [D fr. L *puncto* pur

point \pɔɪnt / *n* [D fr. L *puncto* pur

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ponderal

Dictionary: Pon·der·al

a.

[Cf. F. *pondéral*.]

Estimated or ascertained by weight; -- distinguished from *numeral*; as, a **ponderal** drachma. [R.]
Arbuthnot.

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English ▼

Word Tutor:

ponderal



IN BRIEF: Of or relating to weight.

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